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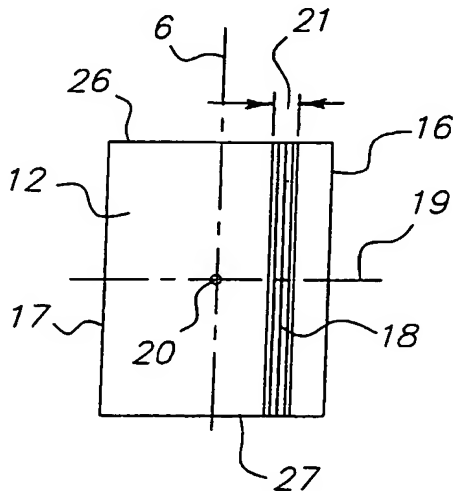
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(54) Title: PROCESS OF SPATIAL COLOR RESTORATION OF AN IMAGE



(57) **Abstract:** The present invention is in the technical field of imaging. The process of the invention enables the spatial color alterations of the silver image to be taken into account according to one of its main axes (19). The process of the invention enables the altered or faded colors of the silver image to be restored automatically, without depending on the skills of an operator to perform the color restoration treatment. The digital image (12) is divided into adjacent pixel strips (18), arranged perpendicular to the direction (19) according to which the color alteration occurs. For each of these strips (18), optical density distributions of each pixel are calculated and compared with reference optical density values. The process of the invention enables the automatic correction of all the strips (18) comprising the altered pixels, by applying a linear transformation enabling the transformation of the optical density values of the altered pixels, into the optical density values of a pixel strip of least degradation. The process of the present invention is used in the technological field of the restoration of color photographic images.